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PTO/SB/21 (08-03)

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| | | Application Number | 09/731,481 |
| TRANSMITTAL | | Filing Date | 12/6/2000 |
| FORM | | First Named Inventor | Liu et al. |
| (to be used for all garagement and area affects | -/At-4 677 | Group Art Unit | 2623 |
| (to be used for all correspondence after in | nitial filing) | Examiner Name | ANAND P BHATNAGAR |
| Total Number of Pages in This Submiss | ion | Attorney Docket Number | MS1-684US |
| | | I RES (check all that apply) | 1 |
| Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Documents Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 | Drawir Licens Petitio Petitio Provis Power Chang Addres Termir Reque | ng(s) sing-related Papers in in to Convert to a ional Application of Attorney, Revocation te of Correspondence | After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Form PTO-1449 and 7 cited references Return Receipt Postcard |
| SIGNA | TURE OF APPL | ICANT, ATTORNEY, OR | AGENT |
| Firm or Brian G. Hart/Reg. Individual Name | | | |
| Signature Quan | Hart | | |
| Date 11/07/2 | .005 | | |
| CI | ERTIFICATE OF | TRANSMISSION/MAILI | NG |
| I hereby certify that this correspondence is be | ing facsimile transr | mitted to the USPTO or depo | |
| Typed or printed name LeAnn M. Sassi | man | | |
| Signature (1/7n) | M 88 M | Man | Date 11/2/2005 |

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4816).

FEE TRANSMITTA For FY 2005

Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 180,00

| | Complete if Known | • |
|----------------------|-------------------|---|
| Application Number | 09/731,481 | |
| Filing Date | 12/6/2000 | |
| First Named Inventor | Liu et al. | |
| Examiner Name | ANAND P BHATNAGAR | |
| Art Unit | 2623 | _ |
| Attorney Docket No. | MS1 - 684US | |

PTO/\$B/17 (12-04)

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| METHOD OF PAYMENT | ľ (check a | Il that apply) | | | | | |
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| For the above-identif | ied deposit | account, the Di | rector is hereb | v authorized to | o: (check all ti | hat apply) | |
| Charge fee(s) | | | | | | | ot for the filing fee |
| Charge any ac under 37 CFR WARNING: Information on this information and authorization | 1.16 and 1 form may b | ecome nublic. Co | • |) 🗸 Cred | it any overpay | yments | |
| FEE CALCULATION | | ~- | | | | | |
| 1. BASIC FILING, SEAR | CH. AND | FXAMINATIC | N EEES | | | | |
| · | FILING | FEES Small Entity | SEARCH | | | TION FEES | |
| Application Type | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES Fee Description Each claim over 20 or, for | | each claim o | war 20 and m | ana thau iu t | ha antata d | · | Small Entity Fee (\$) Fee (\$) |
| Each independent claim of | ver 3 or. f | or Reissues e | vei 20 anu ili ach independ | ore man in i | ne original p | parent | 50 25 at 200 100 |
| Multiple dependent claims | 8 | 01 110133403, 0 | acii indepene | ent claim in | ore man m t | ne original pater | nt 200 100 360 180 |
| <u>Total Claims</u> <u>E</u> | xtra Claim | | Fee Pai | d (\$) | Multiple De | ependent Claims | |
| HP = highest number of total cl | aims paid for | x 50 | = | | Fee (\$) | Fee Paid | (\$) |
| Indep. Claims E | xtra Claim | <u>Fee (\$)</u> | Fee Pair | 1 (\$) | | | |
| - 3 or HP = HP = highest number of Indeper | ndent claims | x200 paid for, if greater | than 3 | | | | |
| 3. APPLICATION SIZE F If the specification and c for each additional 5 | EE Irawings (| exceed 100 she | eets of paper. | the applicat J.S.C. 41(a) | tion size fee (1)(G) and 3 | due is \$250 (\$13 | 25 for small entity) |
| <u>Total Sheets</u> - 100 = | Extra Shee | ets <u>Num</u> | ber of each a | <u>iditional 50 c</u> | or fraction the | ereof Fee (\$) | Fee Paid (\$) |
| 4. OTHER FEE(S) | | /50 = | {re | ound up to a v | vhole number |) × | |
| Non-English Specifica | tion \$1 | 30 fee (no em | all antity dia | sount) | | | Fees Paid (\$) |
| Other: Information Dis | closure S | tatement | an entity dist | Joune) | | | 180.00 |

| SUBMITTED BY | | | |
|-------------------|---------------|------------------------|--------------------------|
| Signature | Brun Hart | Registration No. 44421 | Telephone (509) 324-9256 |
| Name (Print/Type) | Brian G. Hart | | Date 11/07/2005 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Application Serial No. | 00/721 491 |
|--|---------------------------|
| Filing Date | 12/6/2000 |
| Confirmation No. | 12/0/2000 |
| inventorship | Lin at al |
| Applicant | Microsoft Cornoration |
| Oroup Art Ont | 2623 |
| Examiner | ANAND P RHATNAGAR |
| Attorney's Docket No. | MC1 COATTO |
| Title: System and Method Providing Improved Heat Animation | ad Motion Estimations for |

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

To: Mail Stop Amendment Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

From: Brian G. Hart (Tel. 509-324-9256; Fax 509-323-8979)

Lee & Hayes, PLLC

421 W. Riverside Avenue, Suite 500

Spokane, WA 99201

The attached form PTO-1449 is submitted in compliance with Applicant's duty of disclosure under 37 CFR \$1.56. The Examiner is requested to make these citations of official record in this application.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

By: Brian G. Hart

Reg. No. 44421

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Substitute for form 1449/PTO

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| Sheet | 1 | of | _2 |
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| Cor | mplete if Known | |
|------------------------|-------------------|--|
| Application Number | 09/731,481 | |
| Filing Date | 12/6/2000 | |
| First Named Inventor | Liu et al. | |
| Art Unit | 2623 | |
| Examiner Name | ANAND P BHATNAGAR | |
| Attorney Docket Number | MS1 - 684US | |

| | | | U. S. PATEN | DOCUMENTS | |
|-----------------------|--------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (ff known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | ^{US-} 6,009,210 | 12/28/1999 | Kang | |
| | | ^{US-} 6,047,078 | 4/4/2000 | Kang | |
| | | ^{US-} 6,188,777 | 2/13/2001 | Darrell, et al. | |
| | | ^{US-} 6,526,161 | 2/25/2003 | Yan | |
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| | | ^{US-} 6,919,892 | 7/19/2005 | Cheiky, et al. | |
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| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | - | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | ۲ |
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| Signature | | | Considered | |
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Complete if Known

Application Number 09/731,481

INFORMATION DISCLOSURE
Filing Date 12/6/2000

STATEMENT BY APPLICANT First Named Inventor Liquet all

(Use as many sheets as necessary)

Examiner Name

ANAND P BHA

Sheet 2 of 2 Attorney Docket Number MS1 -

| Application Number | 09/731,481 |
|------------------------|-------------------|
| Filing Date | 12/6/2000 |
| First Named Inventor | Liu et al. |
| Art Unit | 2623 |
| Examiner Name | ANAND P BHATNAGAR |
| Attorney Docket Number | MS1 - 684US |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Pighin Frederic et al., Synthesizing Realistic Facial Expressions from Photographs, ACM ISBN: 0-89791-9998-8, 1-10 | |
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| Examiner | | Date |
|-----------|---|------------|
| Signature | C | Considered |

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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